

**AMENDMENTS TO THE SPECIFICATION:**

Please replace paragraph [0005] with the following new paragraph [0005]:

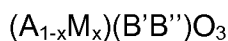
**[0005]** General chemical compositions for groups of oxide materials with simple perovskite structures are  $(A_{1-x}M_x)BO_3$ ,  $(A_{1-x}M_x)(B'B'')O_3$  or  $A(B_{1-x}M_x)O_3$ , (where A can be  $1^+$ ,  $2^+$  and  $3^+$  ions; B can be  $5^+$ ,  $[[4+]]$   $4^+$ , and  $3^+$  ions; B' and B'' can be  $2^+$ ,  $3^+$ ,  $4^+$ ,  $5^+$  and  $6^+$  ions, and M is a magnetic ion dopant). Specific examples are  $(A_{1-x}M_x)TiO_3$ ,  $(A_{1-x}M_x)ZrO_3$ ,  $(A_{1-x}M_x)SnO_3$ ,  $(A_{1-x}B_x)HfO_3$ ,  $La(Mo_{1-x}M_x)O_3$ , and  $Sr(Ti_{1-x}M_x)O_3$  where A=Ca, Sr, Ba, Pb, and Cd and M= Fe, Ni, Co, and Mn with  $0 < x < 0.15$ .

Please replace paragraph [0005.1] with the following new paragraph [0005.1]:

**[0005.1]** According to these embodiments, the non-magnetic element A in a ferromagnetic perovskite oxide material having the formula  $(A_{1-x}M_x)BO_3$ , where A is at least one non-magnetic element selected from the group consisting of Ca, Sr, Ba, Pb, Y, La, and Gd. The element B is at least one non-magnetic element selected from the group consisting of Ti, Zr, Hf, Sn, Mo, Ta, W, Nb, Al, and Bi. The element M is at least one magnetic element selected from the group consisting of Fe, Co, Ni, Cr, Mn, and V. In one embodiment the index "x" ranges from greater than 0 to less than 0.15. ~~In another embodiment,~~ Thus "x" ranges from 0 to 0.15 when A is Ca or Ba; B is Ti, Zr, or Hf; and M is Fe, Co, or Ni.

Please replace paragraph [0016] with the following new paragraph [0016]:

**[0016]** The invention includes general chemical compositions of the forms



where A can be  $1^+$ ,  $2^+$  and  $3^+$  ions; B can be  $5^+$ ,  $4^+$ , and  $3^+$  ions; B' and B'' can be  $2^+$ ,  $3^+$ ,  $4^+$ ,  $5^+$  and  $6^+$  ions, M is a magnetic ion dopant such as Fe, Co, Ni and Mn.